

**HLL LIFECARE LIMITED, KANAGALA
ANNEXURE**

WORK : Annual contract for Aluminium works 2015-16 at KFB.

Sl. No	Description	Unit	Qty	Rate	Amt
1	Replacement of parts charged separately				
	a) Removing existing handle fixing new aluminium handle matching to existing design.	No	30		
	b) Removing existing damaged doorstoppers & fixing new doorstoppers of similar type & shade, adjusting etc complete.	No	5		
	c) Removing existing floor bushing & fixing new bushing to ensure proper sealing of door including supply of screws etc complete.	Rmt	10		
	d) Removing existing door closer & fixing new heavy-duty door closer as per requirement. (Make-Hyper)	No	10		
2	Providing & fixing new glass using double side tape and silicon sealant.(Make-modiguard/saint gobin)				
	i) 3 mm	Sqft	10		
	ii) 4mm	Sqft	30		
	iii) 5 mm	Sqft	50		
3	Providing & fixing of 5mm thick glass including removing of old broken glass from the window/door/partition etc complete as directed by Engineer-in-charge. (Make-modiguard/saint gobin)	Sqft	10		
4	Providing & applying of one coats of oil, paint to the existing aluminium door as per direction of Engineer-in-charge.	Sqm	30		
5	Providing & fixing Sun control film of approved make & color to the existing windows or partitions including removing old & fixing new wherever required. (Make-Garware)	Sqm	20		
6	Providing & fixing Sun control film of approved make & color to the existing windows or partitions. (Make-Garware)	Sqm	15		
7	Removing of existing view panel glass & to modify bigger size view panel using square tube frame & both side glass are to be fixed using double tape & sealant etc complete as per direction of Engineer -in-charge. (Measurement on one surface including both glasses)	Sqft	5		
8	Replacement of existing damaged aluminium doors same as per existing design including all accessories & civil work etc complete as per directed by Engineer-in-charge. (Providing new door including removing of old damaged door)	Sqm	5		

Sl. No.	Description	Unit	Qty	Rate	Amt
9	Providing & fixing of floor tiles ENDURA industrial & acid/alkali resistant tiles of size 304 mm X 304 mm X 10 mm plain terra, fixing using cement slurry & pointed white cement or plaster of paris, including conveyance of all materials, labor charges lead & lift cleaning, curing etc. complete, including removing of old all fixing new tiles (Make-Johnson/equivalent)	Sqm	20		
10	Supply & Installation of GYPSUM board suspended false ceiling fabrication, installation of supporting grid work 4' X2' consists of ceiling section, intermediate sections main supporting section made of GI of thickness 0.5 mm, Grid work shall be supported with the help of hanger bracket from structural soffit using Rawl plug. Fixing of GYPSUM board of 12.5 mm thickness screwed with drywall screws as per required sizes. GYPSUM board is classified as class (I) as per CBRI report No (FO61 June 1991). Being a non-resonant material, GYPSUM board has good insulation property; also it has good better thermal insulation property. Thermal conductivity 'K' 0.18 w/mk. Jointing, finishing is done on tapered edge joint. Jointing is carried out in three separate stages. Filling & tape bedding, finishing & applying surface treatment to even differences in surface texture. It is also important to all boards are securely & correctly attached, protruding screws or nails heads should be driven home. Gaps greater than 3 mm between the boards should be treated with jointing compound pressed firmly into the gap so that it is completely filled, necessary openings to be provided for tube light fitting including two coats of oil paint etc complete including removing of old.	Sqm	30		
11	Providing, fabricating, assembling & fixing in position anodized powder coated aluminium door using following aluminium section. Outer frame plain section 101.60x44.45mm thickness 3.18mm, section weight 2.404 kg/m, door shutters 47.62x44.45mm section thickness 3.18mm weight 1.505kg/m for vertical frame, 47.62x44.45 thickness of 3mm, weight 1.42 kg/ m for top section, 49.91mm x 44.45mm with thickness 3mm, weight 1.495 kg/m for central rail ; and 114.3mmx44.45mm thickness 3.18mm, weight 2.646kg/m for bottom rail; aluminium section anodized 12 to 15 micron cut to length joint mitered corners grinded, the bottom rail & top rail hinged or pivoted, opening arrangements including providing and fixing standard approved accessories, such as aluminium handles, tower bolts, lock, pivots: hinges PVC gasket, 12mm pre-laminated sheet (Novopan) exterior grade of approved colour both sides same colour for bottom panel of maximum height 0.9m and 5.5mm thick plain glass for top panel and glass fixed with clips 19mmx 17.3mmx11mm, 0.9mm thick, weight 0.124kg/m aluminium section treated for removal of any rust and preventions of further rust formation, and coated with greasy materials for non-adherence of mortar or any other sticky materials, including cost of materials, fixture, labour and HOM of machinery complete as per specifications. Make-johnson	Sqm	6		

Sl. No.	Description	Unit	Qty	Rate	Amt
12	Supply of skilled Carpenter including all carpentry tools for the works like repairing of damaged wooden door/window, Aluminium door/window/partition, including supply of screws for all type of carpentry jobs as directed by Engineer-in-charge.	Man Days	150		
13	Providing & fixing of aluminium floor spring for the door including removing of old & fixing new as directed by Engineer-in-charge.	No	2		
14	Providing & fixing of PVC rubber beading for the aluminium doors / windows including removing of old & fixing new as directed by Engineer-in-charge.	Rmt	15		
15	Providing & fixing of aluminium glazing clips for the aluminium doors / windows including removing of old & fixing new as directed by Engineer-in-charge.	Rmt	50		
	Grass amount				

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